Essential security solutions

Video door phones have become an integral part of our homes today. The security of our loved ones is the most important responsibility and video door phones help you with it. The audio visual conversation through the video door phone without even opening the door for anyone makes it safer.

HI-RES COLOUR VIDEO DISPLAY
CRYSTAL CLEAR AUDIO
HANDS FREE FUNCTION
ULTRA FLAT DESIGN

From this moment on, you’re going to experience a whole new world of good products for a better lifestyle. Look through the wide range of products and accessories and find yourself a good reason to switch to a better world.

GM Modular Pvt. Ltd. Te: 91-250-2451687/88 Fax: 91-250-2451689 info@gmmodular.com

www.gmmodular.com
INDEX

Warning and Caution .............................................. 1
The function and name of each part ......................... 3
Features and main function ................................ 4
Package contents .................................................. 5
System layout ....................................................... 5
Wiring diagram ..................................................... 6
Installation method ............................................... 7
Cable specification ............................................... 8
Incoming call answer ............................................ 9
Monitor doorbells or CCTV cameras ....................... 9
Broadcast function .............................................. 9
Internal call among monitors ................................ 10
Brightness/ colour/ contrast adjust ......................... 10
Talking volume adjust ......................................... 10
Don't disturb function ......................................... 10
Monitor listening ................................................ 10
System main menu .............................................. 11
Specification ...................................................... 12

Thank you for purchasing GM product. Hope you have carefully read this user’s guide. Kindly follow the instructions before using the product for proper installation. The products are subject to change without prior notice.
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEMS</th>
<th>CONTENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Operation Power</td>
<td>AC 100V – 240V, 50-60Hz</td>
</tr>
<tr>
<td>2.</td>
<td>Power consumption</td>
<td>50mA (Max), 15mA (in standby)</td>
</tr>
<tr>
<td>3.</td>
<td>Operation temperature</td>
<td>0°C to +40°C</td>
</tr>
<tr>
<td>4.</td>
<td>Operation humidity</td>
<td>0% ~ 95%</td>
</tr>
<tr>
<td>5.</td>
<td>Display panel</td>
<td>7 inch</td>
</tr>
<tr>
<td>6.</td>
<td>Intercom function</td>
<td>Hands free</td>
</tr>
<tr>
<td>7.</td>
<td>Connection</td>
<td>4 wires</td>
</tr>
<tr>
<td>8.</td>
<td>Dimension</td>
<td>210mm X 116mm X 25mm</td>
</tr>
<tr>
<td>9.</td>
<td>Weight</td>
<td>450g</td>
</tr>
</tbody>
</table>

### WARNING AND CAUTION

Make sure to follow the instructions to prevent any danger or property losses.

#### Warning

Death or serious injury is expected.

- [ ] It indicates prohibition
- [ ] It indicates disassembly.
- [ ] It indicates prohibition of contact.
- [ ] It indicates does and don’ts
- [ ] It indicates that the plug should be pulled out from the socket.

---

**Warning**

Do not put the plug in the socket simultaneously. It may generate abnormal heat or cause a fire.

Do not connect to other products while in use. It may cause breakdown.

Do not forcibly bend the cord or put a heavy object on the product. It may cause a fire.

Do not use water, thinner or a detergent used to wash oil products when you wash the exterior. Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.

Do not install the product in a humid place. It may cause an electric shock or a fire.

Do not forcibly pull out the cord from the socket. If the cord is damaged, it may cause a fire or an electric shock.

Do not put the plug in the socket with a wet hand. It may cause an electric shock.

Do not disassemble, repair or modify the product. It may cause a fire, an electric shock or an injury due to malfunction of the product.

Do not use AC circuit breaker. It may cause an electric shock.
Make sure to follow the instructions to prevent any danger or property losses.

Caution
An injury or property losses are expected.

Caution
If the socket holes are larger than normal, do not put the plug. It may cause an electric shock or a fire.

Caution
Do not put a heavy object on the product. It may cause a breakdown.

Caution
Install the product in a flat and stable place. Otherwise, it may not function properly.

SYSTEM SETTING
In standby status, short- press 📡 or the button on the right side to enter system.

<table>
<thead>
<tr>
<th>NO.</th>
<th>SETTING ITEMS</th>
<th>OPTIONS</th>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Language</td>
<td>Default English (Russian selectable)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Chime time</td>
<td>Default 30 seconds. (10~60 second adjustable)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Chime volume</td>
<td>Default 07,00~10 selectable</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Record location</td>
<td>Door 1 ring type</td>
<td>00-11</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Door 2 ring type</td>
<td>00-11</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Door 3 ring type</td>
<td>00-11</td>
</tr>
<tr>
<td>5</td>
<td>Do not disturb</td>
<td>The indoor monitor will be mute once someone presses doorbells / makes internal call / broadcast</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Can be monitored</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Device address</td>
<td>Room 1/2/3/4</td>
<td>The option will be yellow if two monitors set the same address.</td>
</tr>
<tr>
<td>8</td>
<td>Port 4 state</td>
<td>None / cctv1 / cctv &amp; 2</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Monitor unlock</td>
<td>Press 📡 icon to unlock</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Restore default</td>
<td>Restore the system</td>
<td></td>
</tr>
</tbody>
</table>

Note: Long press: Press for 2 seconds
TALKING VOLUME/ BRIGHTNESS/ COLOUR/ CONTRAST ADJUST

When screen is on, you may rotate the BRIGHT/CONT/COLOR control knob on the right side of the monitor to enter Brightness/Contrast/Color adjust screen, adjust the brightness/contrast/color as the user wants. Please refer to Page 2 to find the places of each knob.

“DON’T DISTURB” FUNCTION

You can use SYSTEM SETTINGS menu to turn DO NOT DISTURB on or off.

MONITOR LISTENING

At standby state, short press button starts the monitor function. If you have more than 2 indoor monitors, click the target monitor NO. up or down toggle switch to choice, short press to confirm.

Note:

a: During monitoring, monitoring part can hear the sound of be monitored, but be monitored part can not hear the monitoring part’s voice. When screen is on, you may rotate the BRIGHT/CONT/COLOR control knob on the right side of the monitor to enter Brightness/Contrast/Color adjust screen, adjust the brightness/contrast/color as the user wants. Please refer to Page 2 to find the places of each knob.

b: When there are more than 2 monitors in the system, monitor listening is available only when Monitor listening function is turn on. Please check the system settings menu to see how to turn on the monitor listening.

THE FUNCTION AND NAME OF EACH PART

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Speaker</td>
</tr>
<tr>
<td>2.</td>
<td>Display screen</td>
</tr>
<tr>
<td>3.</td>
<td>Indicator lamp</td>
</tr>
<tr>
<td></td>
<td>Power indicator light</td>
</tr>
<tr>
<td>4.</td>
<td>Return button</td>
</tr>
<tr>
<td></td>
<td>Back / hang up</td>
</tr>
<tr>
<td>5.</td>
<td>Menu button</td>
</tr>
<tr>
<td></td>
<td>Enter system menu</td>
</tr>
<tr>
<td>6.</td>
<td>Unlock button</td>
</tr>
<tr>
<td></td>
<td>Unlock</td>
</tr>
<tr>
<td>7.</td>
<td>Monitor button</td>
</tr>
<tr>
<td></td>
<td>Monitor</td>
</tr>
<tr>
<td>8.</td>
<td>Answer button</td>
</tr>
<tr>
<td></td>
<td>Answer Call</td>
</tr>
<tr>
<td>9.</td>
<td>Volume switch</td>
</tr>
<tr>
<td></td>
<td>Volume +/- / confirm setting</td>
</tr>
<tr>
<td>10.</td>
<td>Microphone</td>
</tr>
<tr>
<td>11.</td>
<td>Power on / off</td>
</tr>
</tbody>
</table>
FEATURES AND MAIN FUNCTION

1. Features
- 7” High-Definition LCD screen
- Hands free design with perfect intercom with clear voice
- Comfortable mechanical keys
- Multi-language user friendly interface
- 12 polyphonic ring-tones
- Easy to operate

2. Main function
- Hands – free video intercom
- Lock control
- Adjustable brightness, contrast, volume, colour and display mode.
- Real time monitoring of doorbell or CCTV camera
- “Do Not disturb” function
- Broadcasting, Intercom call monitoring

INCOMING CALL ANSWER
When a visitor presses doorbell, all the indoor monitors in this house will chime simultaneously, the screen will show INCOMING CALL. Click the button to talk with the visitor. If you want to unlock the door for the visitor, click the button, then DOOR UNLOCKED will show on the screen.

1. If there is another incoming call during conversation, SOMEONE IS VISITING button DOOR 2 will display, short click the button can switch to another visiting.

2. You can transfer your call to any monitor in the system while talking to the visitor. If you want to transfer the call to others, click the button can transfer the call. At this time the other person can talk with the visitor.

MONITOR DOORBELLS/ CCTV CAMERA
At standby state, click to enter system menu, then click the button again, you can switch to other monitor channels. Click the button you can view images from the connected doorbell/ CCTV. When the microphone is in normal operation, click the button can open the door.

BROADCAST FUNCTION
This function allows you to broadcast information for all monitors in your house. At standby state, Long press , the display will show BROADCASTREQUEST; the monitor in other rooms will show BROADCASTING. Now you can make broadcast announcement.

INTERNAL CALL AMONG MONITORS
If you make intercom request for all monitors. At standby state, click to call other indoor monitor. If you only have 2 monitors connected together, you can click up or down toggle switch to select call target, and click to confirm call. Click to answer the call, or click to hang up screen to confirm that you want to talk with.
CABLE SPECIFICATION

Our system has 2 solutions to unlock the door: Unlock signal from doorbell or unlock signal from monitor. (The cable shield wire needs to be grounded) When signal from the doorbell, cable specification is:

- Distance between monitor and door station is less than 30 meters, shielded 4 x 0.5mm² cable is available.

- Distance exceed 30 meters, please choose SYV-75-3 coaxial cable for video with another shielded 2 x 0.5mm² cable or professional cable SYV – 75 – 3 + RVVP 2 x 0.5mm².

When signal is from monitor, cable specification is:

- Distance between monitor and door station is less than 30 meters, shielded 6 x 0.5mm² cable is available.

- Distance exceed 30 meters, please choose professional cable SYV – 75 – 3 + RVVP 4 x 0.5 mm² (recommended).

PACKAGE CONTENTS

- Monitor
- User manual
- Wall bracket
- 2x Expansion bolt
- Desiccant
- 2x M4*20 fixing screws
- 2x5 pin connector (red/blue/yellow/white/brown)
- 4 pin connector (red/blue/yellow/white)
- 4 pin connector (white/ blue/white/blue)

SYSTEM LAYOUT

THE PORT 2 CONNECT DOORBELL PANEL

The system can maximum support 1 main monitor, 3 sub monitors, 2 door panels and 8 CCTV cameras.
INSTALLATION METHOD

1. Refer to relevant wiring diagram for the system you have chosen and ensure you have the correct cable.
2. Determine the monitor installation position:
   - Advised to install at 1.5 ~ 1.6 Meters;
3. Ensure no power supply connection before installation finished.
4. Install the bracket on the wall.
5. Connect cables as indicated in the wiring diagram.
6. Fix the monitor onto the bracket.
7. Connect power when doorbell is installed.

Note: (a) Door panel unlock wiring: electronic lock 1+ external power supply.
(b) Indoor monitor unlock wiring: electronic 2+ bold black cable part.
(c) J4 port for external power is optional.